

Claims

1. Tear-off device for sections (48) of a continuous material (18) with a pullout mechanism (10) for the transport of the continuous material (18) and with a tear-off mechanism (12), which has at least two pressure-applying elements (26; 56), which are disposed on opposite sides of the continuous material (18) and of which at least one can be positioned against the continuous material (18) by means of a positioning device, characterized in that the engagable pressure-applying elements (26; 56) are constructed as eccentric rollers and can be driven individually or jointly.

2. The tear-off device of claim 1, characterized in that the engagable pressure-applying elements have internal eccentrics (28, 30), which can be rotated and on which the pressure-applying rollers (26) are mounted rotatably.

3. The tear-off device of claim 1, characterized in that the engagable, pressure-applying elements (56) have cams (58), which can be engaged against the continuous material (18).

4. The tear-off device of claim 3, characterized in that the cams (58) have the shape of roller segments.

5. The tear-off device of one of the preceding claims, characterized in that the positioning device has at least one motor (36), by means of which the pressure-applying elements (26; 56) can be driven.

6. The tear-off device of claim 5, characterized in that the positioning device has a control device (42) for the temporal control of the movement of the motor (36).

7. The tear-off device of claim 6, characterized in that the control device (42) is a programmable control device, with which the points in time of the engagement and/or withdrawal movements can be adjusted in relation to the transport of the continuous material (18).

8. The tear-off device of one of the claims 6 or 7, characterized in that the at least one motor (36) of the positioning device can be driven over a limited traversing distance in opposite directions and the adjusting movements of the motor (36) can be controlled temporally by the control device (42) and, in the case of a programmable control device (42), the traversing distance of the motor (36) can be programmed.

9. The tear-off device of one of the claims 5 to 7, characterized in that the at least one motor (36) can be driven in one direction of rotation with a variable speed.

10. The-tear off device of claim 9, characterized in that the speed of the motor (36) can be varied down to zero.

11. The-tear off device of one of the claims 5 to 10, characterized in that the motor (36) is a servomotor.

12. The tear-off device of one of the preceding claims, characterized in that the pullout mechanism (10) and the tear-off mechanism (12) each have their own driving mechanism (22).

13. The tear-off device of one of the preceding claims, characterized in that the positioning device has at least one displaceable frame (32), in which one or more pressure-applying elements (26; 56) are mounted.